

AMENDMENTS TO THE CLAIMS

What Is Claimed Is:

- 1-21. (Cancelled).
22. (Presently Amended) ~~The article according to claim 19 A printed article manufactured by the method comprising:~~
- (a) providing a textile substrate having a first side and a second side, and
- (b) applying a treatment mixture to said first side of said textile substrate, said treatment mixture comprising: (i) a reactive dye fixing/receiving composition, said dye fixing/receiving composition including an amine-containing cationic compound, said dye fixing/receiving composition being disposed upon said first side of said textile substrate, and (ii) a UV absorber, thereby forming a treated textile substrate; and
- (c) heating said treated textile substrate to a temperature of at least about 100 degrees Centigrade, thereby facilitating the activation and bonding of said amine-containing cationic compounds to fix said amine-containing compounds upon said textile substrate; and
- (d) applying an ink having an anionic colorant upon said first side of said treated textile substrate to form a printed substrate, thereby facilitating chemical interaction of said anionic colorant with said amine-containing cationic compound;
- wherein said temperature of said heating step is between about 100 and 150 degrees Centigrade.
- 23-25. (Cancelled).

26. (Presently Amended) ~~The article according to claim 19 A printed article manufactured by the method comprising:~~

- (a) providing a textile substrate having a first side and a second side,
and
- (b) applying a treatment mixture to said first side of said textile
substrate, said treatment mixture comprising: (i) a reactive dye
fixing/receiving composition, said dye fixing/receiving composition
including an amine-containing cationic compound, said dye
fixing/receiving composition being disposed upon said first side of
said textile substrate, and (ii) a UV absorber, thereby forming a
treated textile substrate; and
- (c) heating said treated textile substrate to a temperature of at least
about 100 degrees Centigrade, thereby facilitating the activation
and bonding of said amine-containing cationic compounds to fix
said amine-containing compounds upon said textile substrate; and
- (d) applying an ink having an anionic colorant upon said first side of
said treated textile substrate to form a printed substrate, thereby
facilitating chemical interaction of said anionic colorant with said
amine-containing cationic compound;

wherein said amine-containing cationic compound of said treatment
mixture comprises a charge density of at least about 2 milliequivalents
per gram.

27. (Presently Amended) ~~The article according to claim 19 A printed article manufactured by the method comprising:~~

- (a) providing a textile substrate having a first side and a second side,
and
- (b) applying a treatment mixture to said first side of said textile
substrate, said treatment mixture comprising: (i) a reactive dye
fixing/receiving composition, said dye fixing/receiving composition

including an amine-containing cationic compound, said dye fixing/receiving composition being disposed upon said first side of said textile substrate, and (ii) a UV absorber, thereby forming a treated textile substrate; and

- (c) heating said treated textile substrate to a temperature of at least about 100 degrees Centigrade, thereby facilitating the activation and bonding of said amine-containing cationic compounds to fix said amine-containing compounds upon said textile substrate; and
- (d) applying an ink having an anionic colorant upon said first side of said treated textile substrate to form a printed substrate, thereby facilitating chemical interaction of said ionic dye with said amine-containing cationic compound;

wherein said amine-containing cationic compound of said treatment mixture further comprises a reactive group selected from the group consisting of: epoxides, isocyanates, vinylsulphones, and halo-triazines.

28-32. (Cancelled).

33. (Presently Amended) The article according to claim 30 A printed article manufactured by the method comprising:

- (a) providing a textile substrate having a first side and a second side, and
- (b) applying a treatment mixture to said first side of said textile substrate, said treatment mixture comprising: (i) a reactive dye fixing/receiving composition, said dye fixing/receiving composition including an amine-containing cationic compound, said dye fixing/receiving composition being disposed upon said first side of said textile substrate, and (ii) a UV absorber, thereby forming a treated textile substrate; and

(c) wherein said UV absorber comprises from about 0.1% to about 10%
by weight of said article; and

(d) applying an ink having an anionic colorant upon said first side of
said treated textile substrate to form a printed substrate, thereby
facilitating chemical interaction of said anionic colorant with said
amine-containing cationic compound;

wherein following said application step (b) said treated substrate is heated to a temperature of at least about 100 degrees Centigrade.

34-36. (Cancelled).

37. (Presently Amended) The article according to claim 30 A printed article
manufactured by the method comprising:

(a) providing a textile substrate having a first side and a second side,
and

(b) applying a treatment mixture to said first side of said textile
substrate, said treatment mixture comprising: (i) a reactive dye
fixing/receiving composition, said dye fixing/receiving composition
including an amine-containing cationic compound, said dye
fixing/receiving composition being disposed upon said first side of
said textile substrate, and (ii) a UV absorber, thereby forming a
treated textile substrate; and

(c) wherein said UV absorber comprises from about 0.1% to about 10%
by weight of said article; and

(d) applying an ink having an anionic colorant upon said first side of
said treated textile substrate to form a printed substrate, thereby
facilitating chemical interaction of said anionic colorant with said
amine-containing cationic compound;

wherein said amine-containing cationic compound of said treatment
mixture comprises a charge density of at least about 2 milliequivalents per gram.

38. (Presently Amended) ~~The article according to claim 30 A printed article manufactured by the method comprising:~~
- (a) providing a textile substrate having a first side and a second side,
and
- (b) applying a treatment mixture to said first side of said textile substrate, said treatment mixture comprising: (i) a reactive dye fixing/receiving composition, said dye fixing/receiving composition including an amine-containing cationic compound, said dye fixing/receiving composition being disposed upon said first side of said textile substrate, and (ii) a UV absorber, thereby forming a treated textile substrate; and
- (c) wherein said UV absorber comprises from about 0.1% to about 10% by weight of said article; and
- (d) applying an ink having an anionic colorant upon said first side of said treated textile substrate to form a printed substrate, thereby facilitating chemical interaction of said anionic colorant with said amine-containing cationic compound;

wherein said amine-containing cationic compound of said treatment mixture further comprises a reactive group selected from the group consisting of: epoxides, isocyanates, vinylsulphones, and halo-triazines.

39-43. (Cancelled).

44. (Presently Amended) ~~The article of claim 41 A printed article manufactured by the method comprising:~~

- (a) providing a textile substrate having a first side and a second side,
and
- (b) applying a treatment mixture to said first side of said textile substrate, said treatment mixture comprising: (i) a reactive dye fixing/receiving composition, said dye fixing/receiving composition including an amine-containing cationic compound, said dye

fixing/receiving composition being disposed upon said first side of said textile substrate, and (ii) a UV absorber, wherein said UV absorber is selected from the group comprising: phenone-containing compounds and azole-containing compounds , thereby forming a treated substrate; and

(c) applying an ink having an anionic colorant upon said first side of said treated textile substrate to form a printed substrate, thereby facilitating chemical interaction of said anionic colorant with said amine-containing cationic compound;

wherein following said application step (b) said treated textile substrate is heated to a temperature of at least about 100 degrees Centigrade.

45-47. (Cancelled).

48. (Presently Amended) The article of claim 41 A printed article manufactured by the method comprising:

(a) providing a textile substrate having a first side and a second side, and

(b) applying a treatment mixture to said first side of said textile substrate, said treatment mixture comprising: (i) a reactive dye fixing/receiving composition, said dye fixing/receiving composition including an amine-containing cationic compound, said dye fixing/receiving composition being disposed upon said first side of said textile substrate, and (ii) a UV absorber, wherein said UV absorber is selected from the group comprising: phenone-containing compounds and azole-containing compounds , thereby forming a treated substrate; and

(c) applying an ink having an anionic colorant upon said first side of said treated textile substrate to form a printed substrate, thereby facilitating chemical interaction of said anionic colorant with said amine-containing cationic compound;

wherein said amine-containing cationic compound of said treatment mixture comprises a charge density of at least about 2 milliequivalents per gram.

49. (Presently Amended) The article of claim 41 A printed article manufactured by the method comprising:

- (a) providing a textile substrate having a first side and a second side, and
- (b) applying a treatment mixture to said first side of said textile substrate, said treatment mixture comprising: (i) a reactive dye fixing/receiving composition, said dye fixing/receiving composition including an amine-containing cationic compound, said dye fixing/receiving composition being disposed upon said first side of said textile substrate, and (ii) a UV absorber, wherein said UV absorber is selected from the group comprising: phenone-containing compounds and azole-containing compounds , thereby forming a treated substrate; and
- (c) applying an ink having an anionic colorant upon said first side of said treated textile substrate to form a printed substrate, thereby facilitating chemical interaction of said anionic colorant with said amine-containing cationic compound;

wherein said amine-containing cationic compound of said treatment mixture further comprises a reactive group selected from the group consisting of: epoxides, isocyanates, vinylsulphones, and halo-triazines

50-57. (Cancelled).